

Math and Physical Sciences Teacher Education - CIP 13.1399.02

1999 - 2000 TRANSFER FRAMEWORK: Requirements of the Sending Institution
33 hour General Education Component + 15 hours Institutional General Education
Requirement + 12 hour Specialty Component = 60 hour Transfer Framework

Introduction

A degree such as BA or BS listed under the institutional abbreviation indicates the university offers a baccalaureate degree in the program. You can begin the program by completing the transfer framework at any college or university for which courses are listed. For additional information, consult your academic advisor and institutional catalogs. Courses listed for the community colleges may not be offered at every location. Contact the college you plan to attend regarding availability of specific courses.

Program Notes

An 'S' below indicates that the program has restricted and/or limited admissions. The program may require an additional application process or have specific grade point average requirements for application and/or acceptance.

Program Notes

A 'T' below indicates that teacher education certification in this program is available.

| EKU | KSU | MOSU | MUSU | NKU | UK | UL | WKU | KCTCS CCs |
|-----|-----|----------|------|----------|--------|----|----------|-----------|
| | | BS (S,T) | | BA (S,T) | BA (S) | | BS (S,T) | |

General Education Transfer Component - 48 hours

Complete the General Education Transfer Component according to the general education requirements for this major at the sending institution, unless specific courses are listed below. General Education courses may also count toward the major, or a minor, or a second major.

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| Written Communications - 6 hrs | | | | | | | | | |
| Oral Communication - 3 hrs | | | | | | | | | |
| Humanities - 6 hrs | | | | | | | | | |
| Behavioral/Social Sciences - 9 hrs | | | | | | | | | |
| Mathematics (Minimum College Algebra) - 3 hrs | | | | | | | | | |
| Natural Sciences - 6 hrs | | | | | | | | | |
| Other General Education Requirements - 15 hrs | | | | | | | | | |

Specialty Transfer Component - 12 hours

All of the requirements of the Specialty Component blocks must be fulfilled, even when the blocks total more than 12 hours. At most institutions, the additional hours will be used for part of the General Education requirements.

| | | | | | | | | | |
|------------------------------------|-----------------|----------------|-------------------|-----------------|------------------------------------|------------------------|-------------------------|--------------------------------|--|
| Calculus - 8-10 hrs | MAT 124* & 224* | MAT 131* & 132 | MATH 175* & 275* | MAT 250* & 308* | MAT (120* or (121* & 122*)) & 220* | MA 113* & 114* | MATH 205* & 206* | MATH 126* & 227 | MA 113* & 114* |
| Physics - 5 hrs | PHY 201* | PHY 211 | PHYS 201* & 201A* | PHY 235* & 236 | PHY 220* | PHY 231* & 241* | PHYS 295* & 298* | PHYS 250* & 251* | PHY 231* & 241* |
| Chemistry - 8 hrs | CHE 111* & 112 | CHE 101* & 102 | CHEM 111* & 112* | CHE 121* & 122* | CHE 120* & 120L* & 121* & 121L* | CHE 105* & 107* & 115* | CHEM 201* & 202* & 203* | CHEM 120* & 121* & 222* & 223* | CHE 105* & CHE 107* & (CHE 115* or (CHM 105 & CHE 107*)) |
| Human Growth / Development - 3 hrs | EPY 319 | EDU 221 | EDF 211 | EDP 260 | EDU 300 | EDP 202 | HPES 320 | PSY 310 | EDP 202 |

* Course meets general education requirements. Applicability of the course to specific general education requirements may vary depending on program requirements and institutional policies.